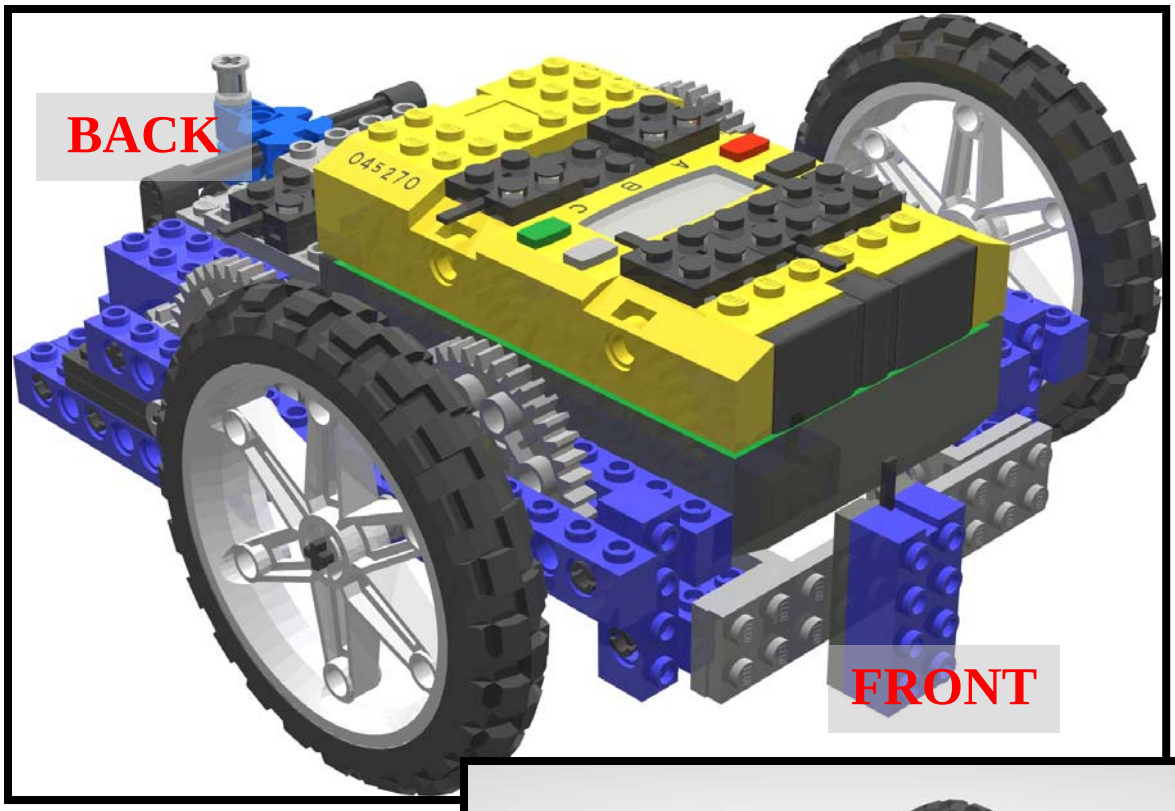
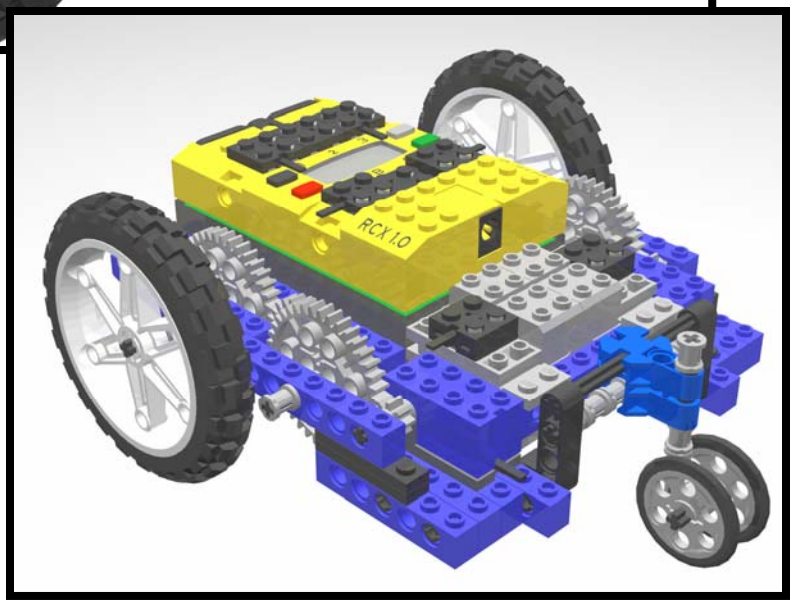
Mars Rover 2.0
Building Instructions

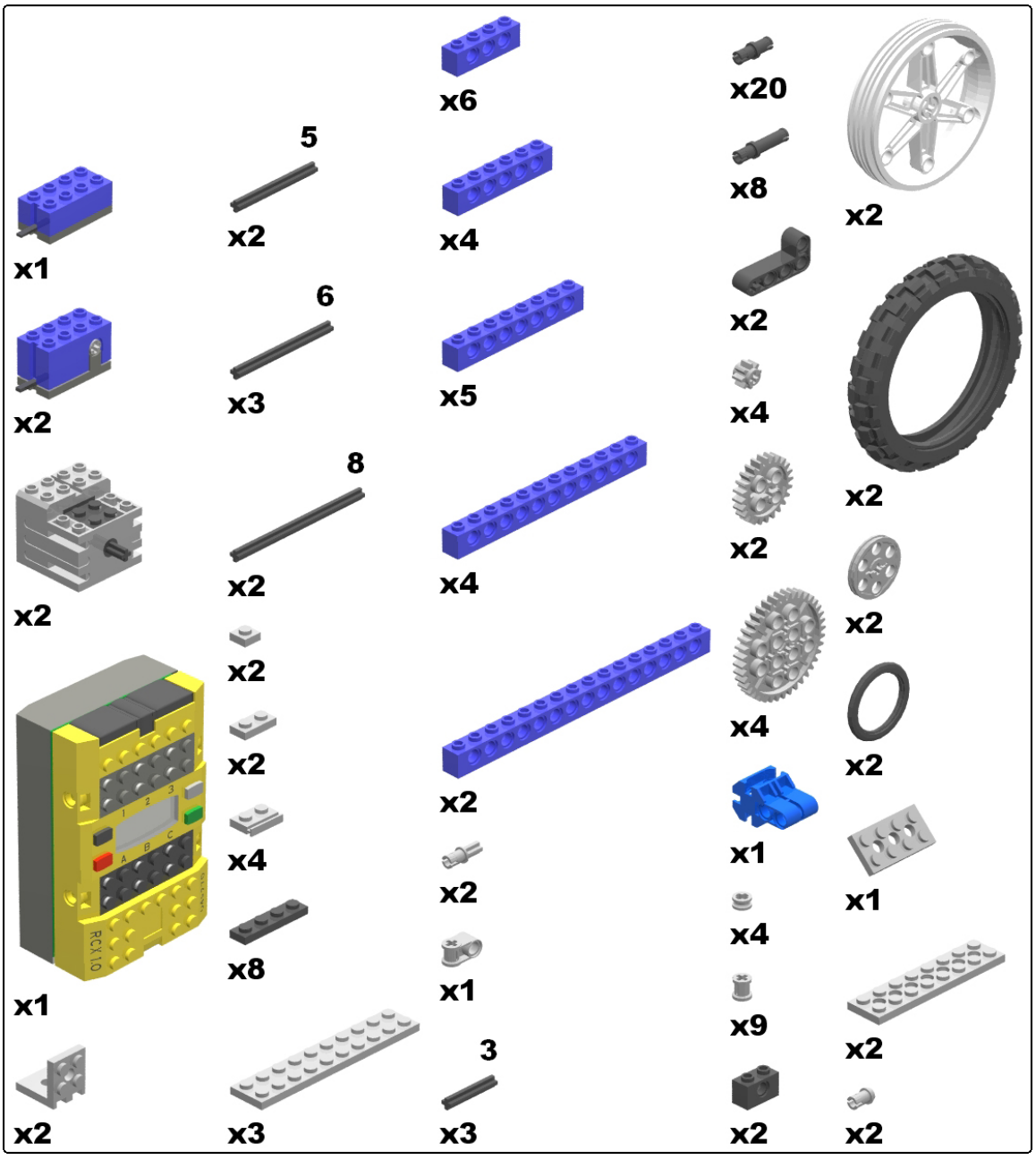




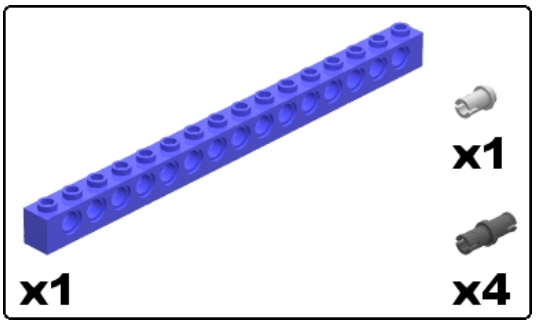
Design & Instructions by: David Wang
Diagrams & Instructions generated by: MLCad, LPub, L3P, and POV-Ray

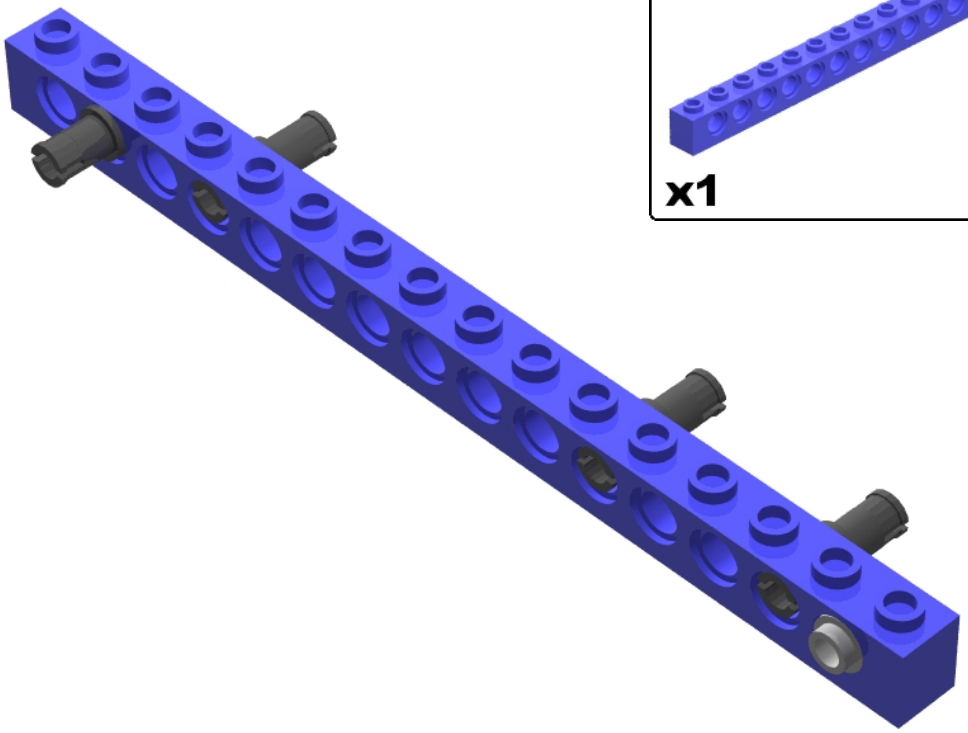
Bill of Materials

You will need all of these parts in order to build your rover. The colors of the bricks and plates may vary. The colors of the other pieces are significant.

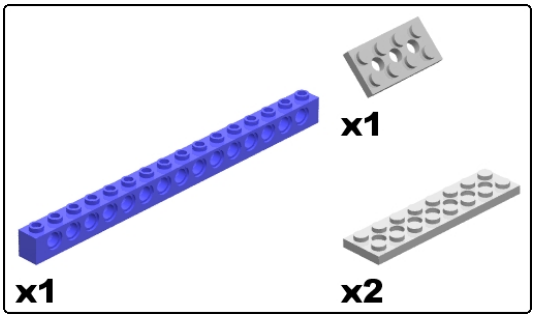


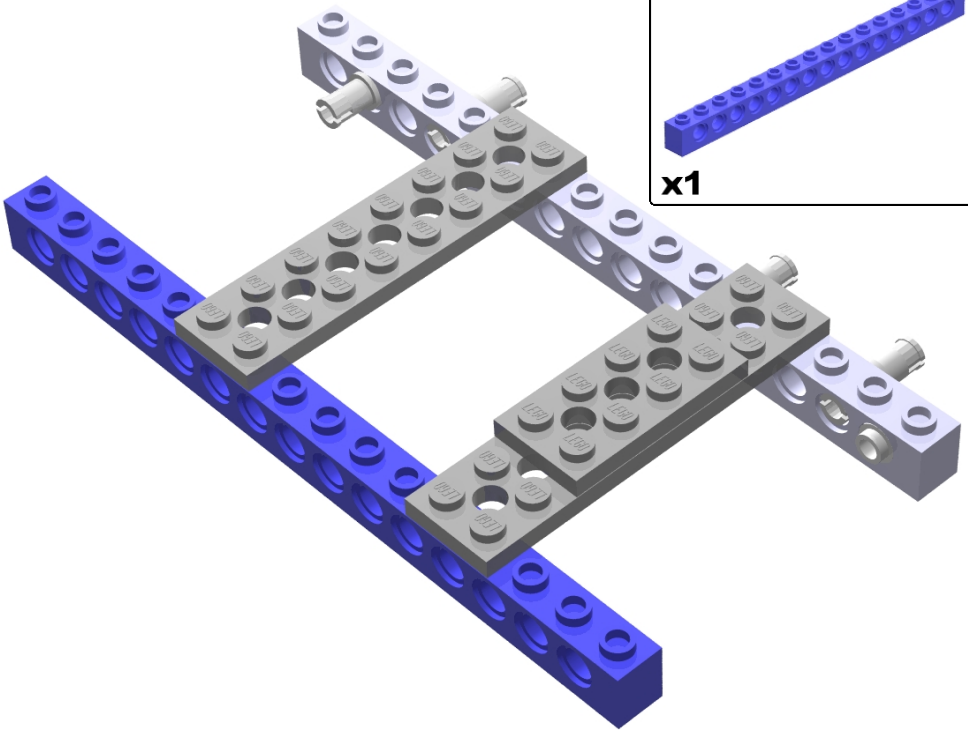
Step 1:



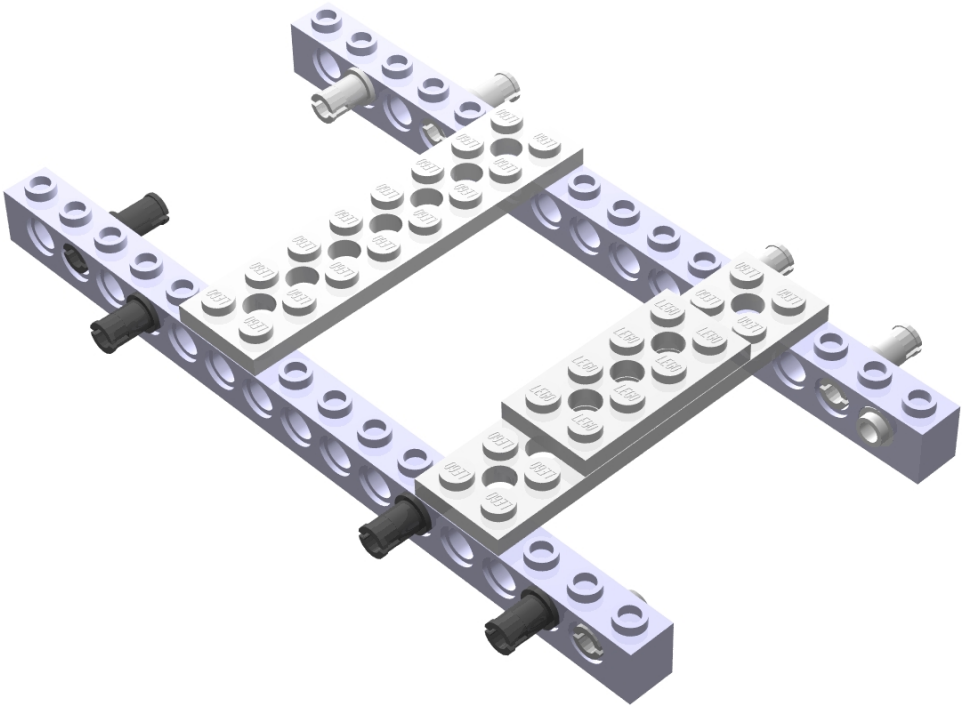


Step 2:

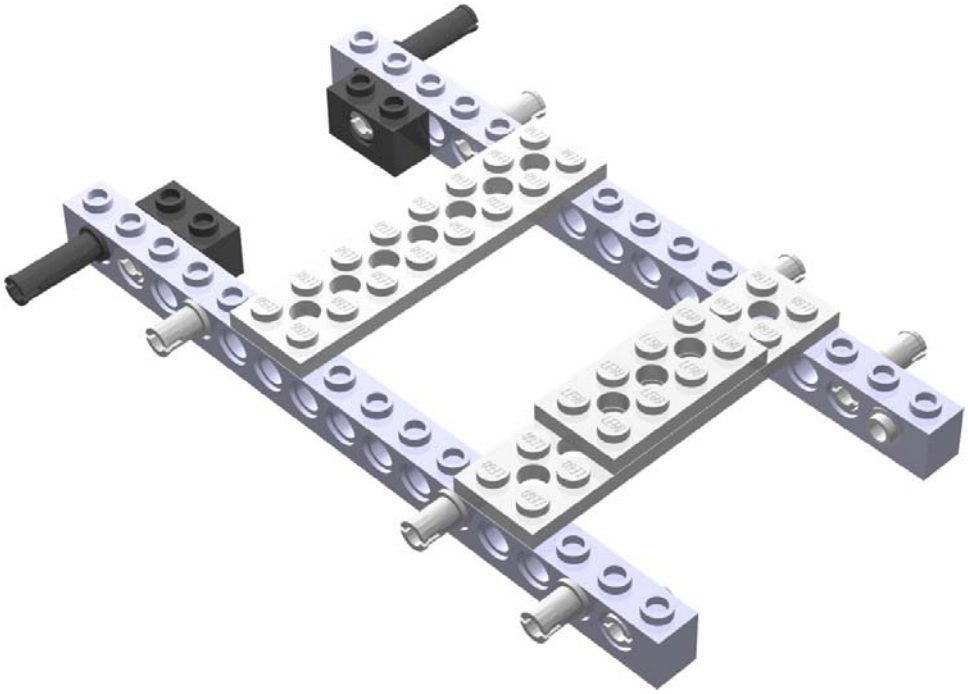




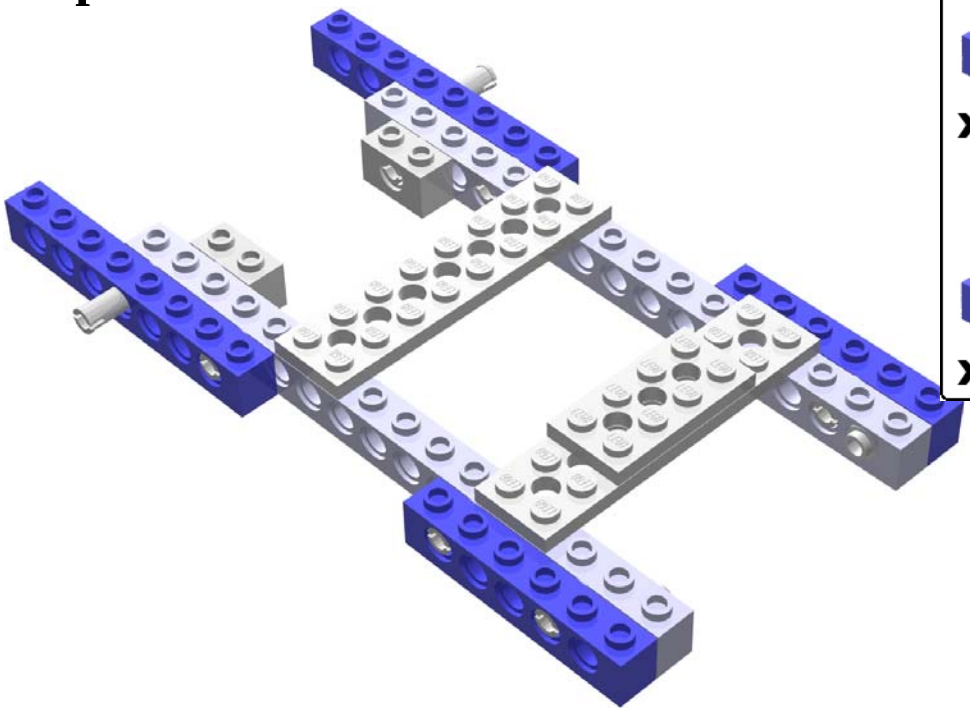
Step 3:

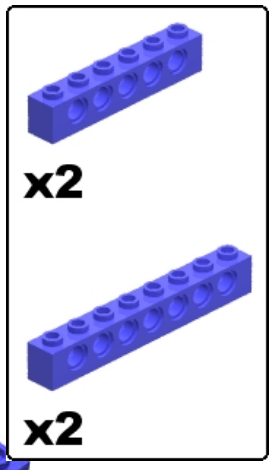


Step 4:

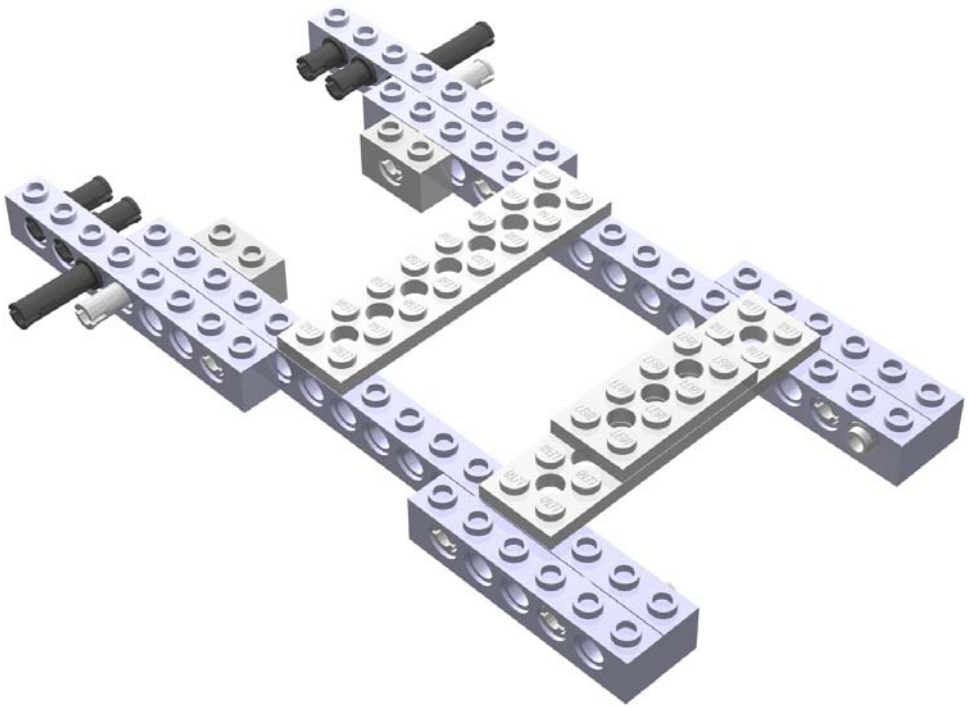


Step 5:

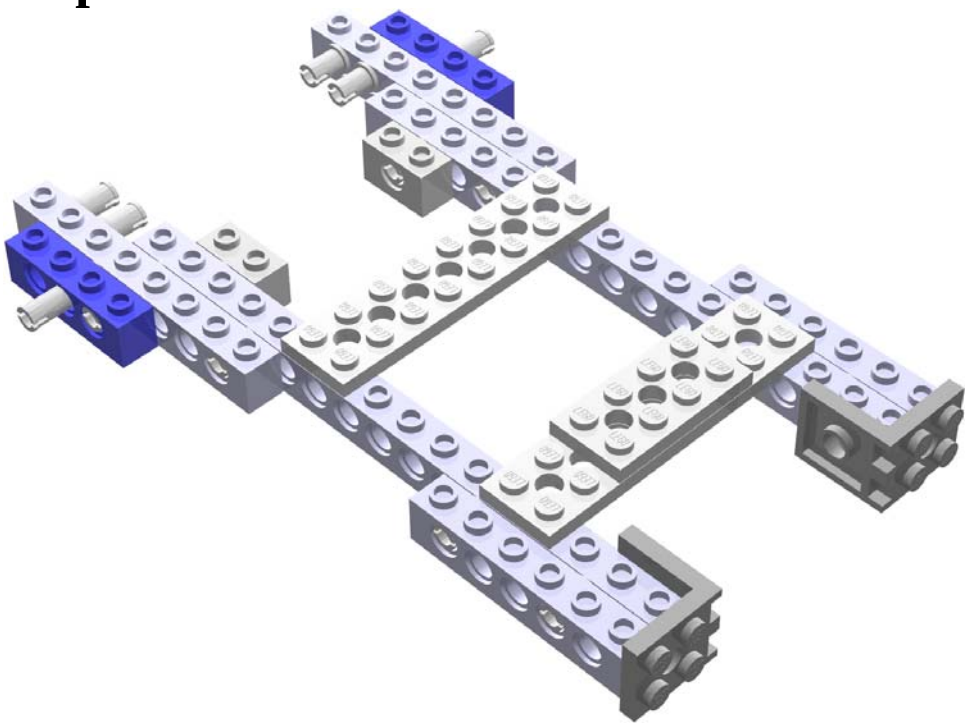


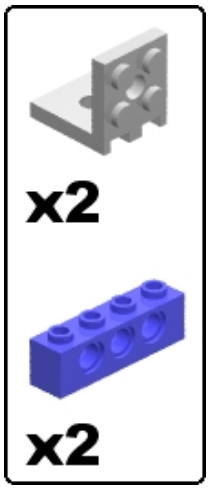


Step 6:

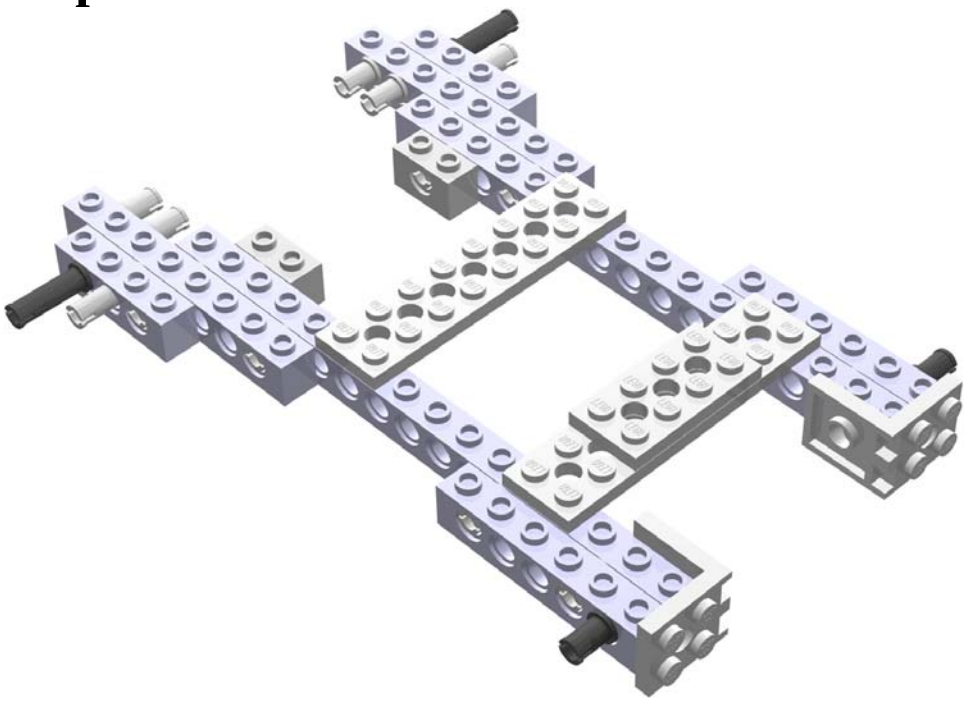


Step 7:

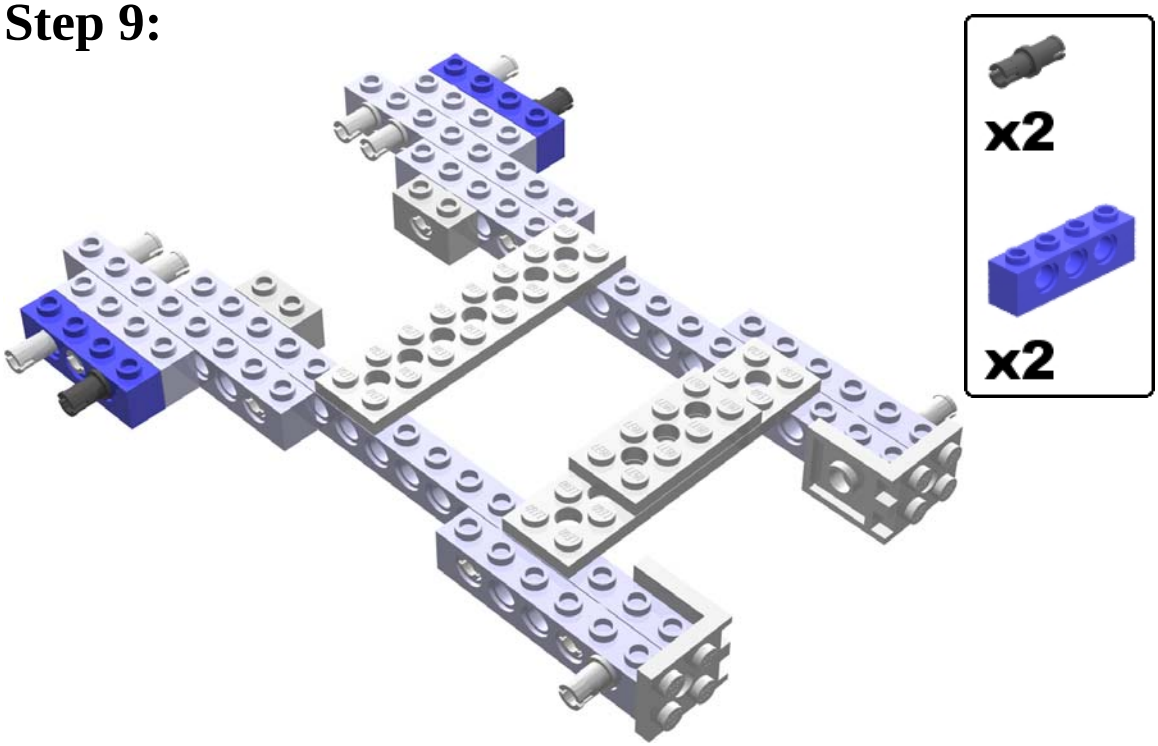




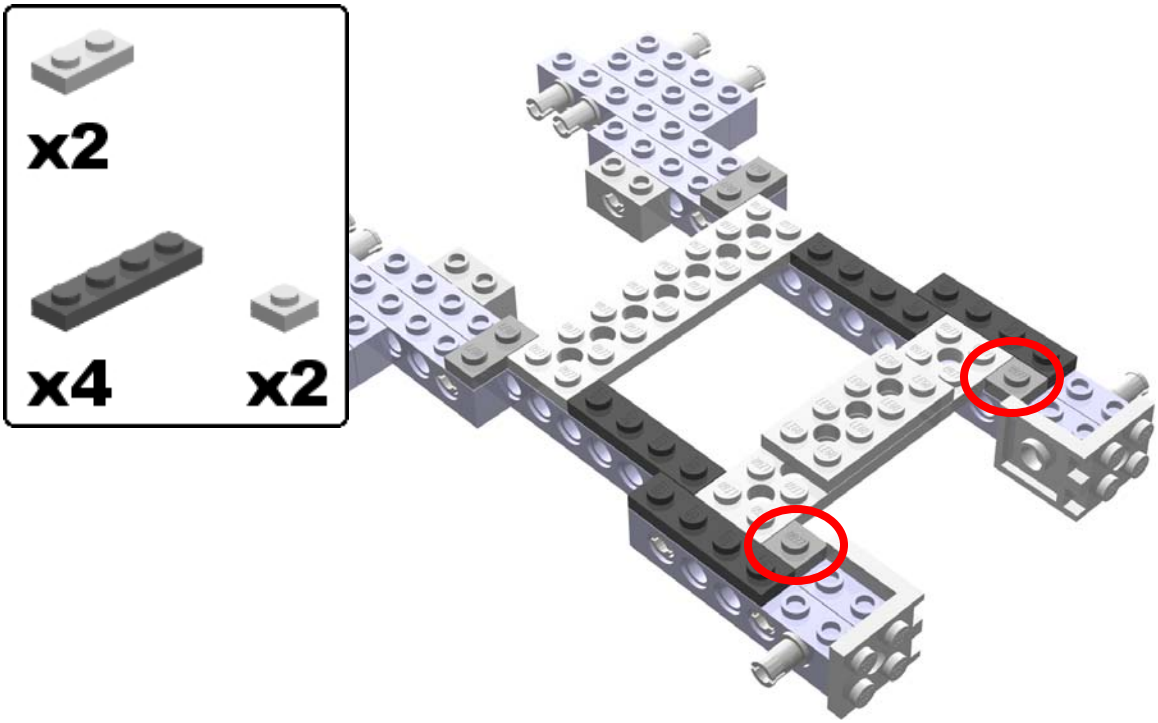
Step 8:



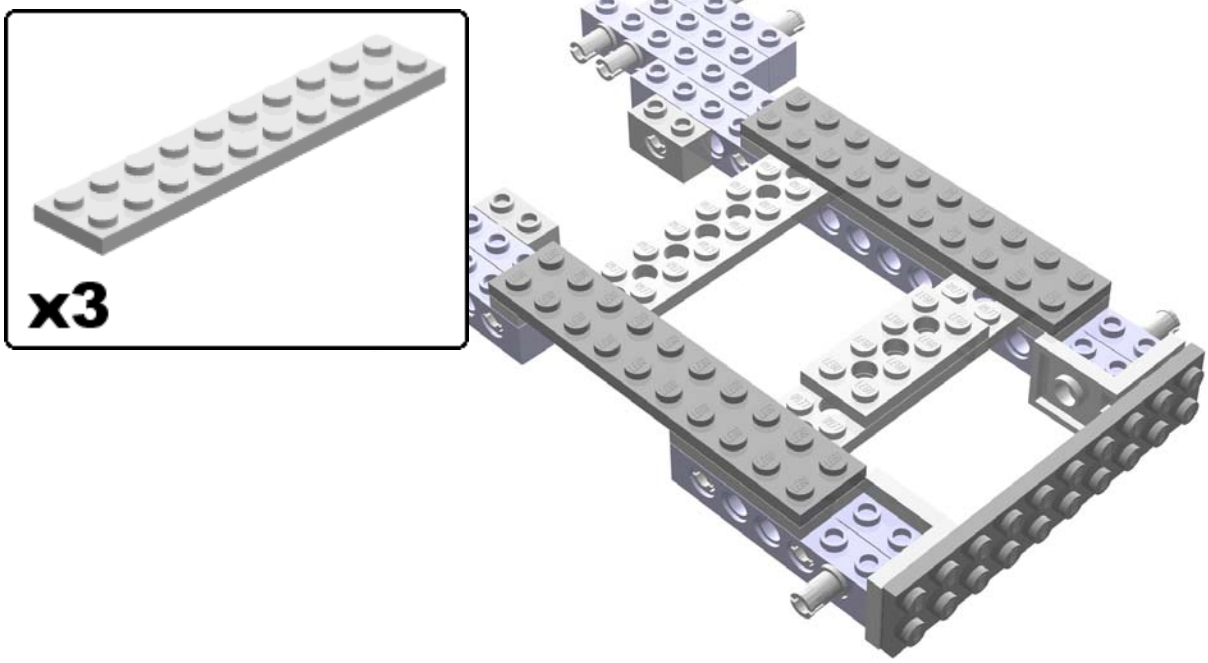
Step 9:



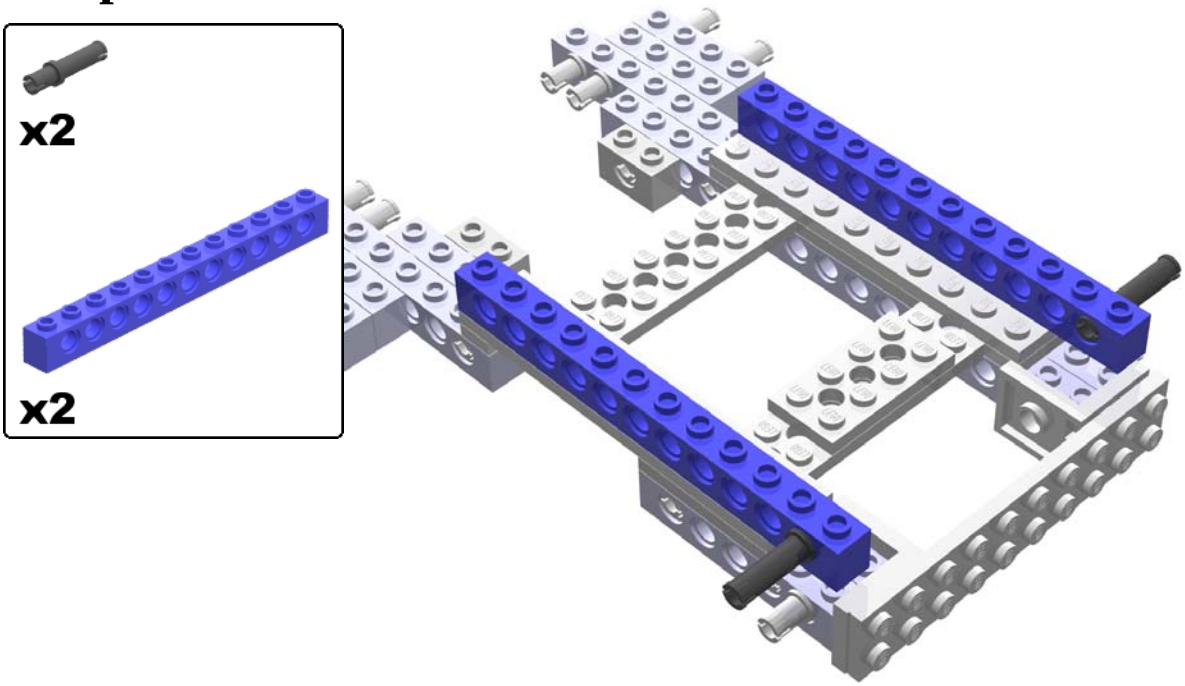
Step 10:



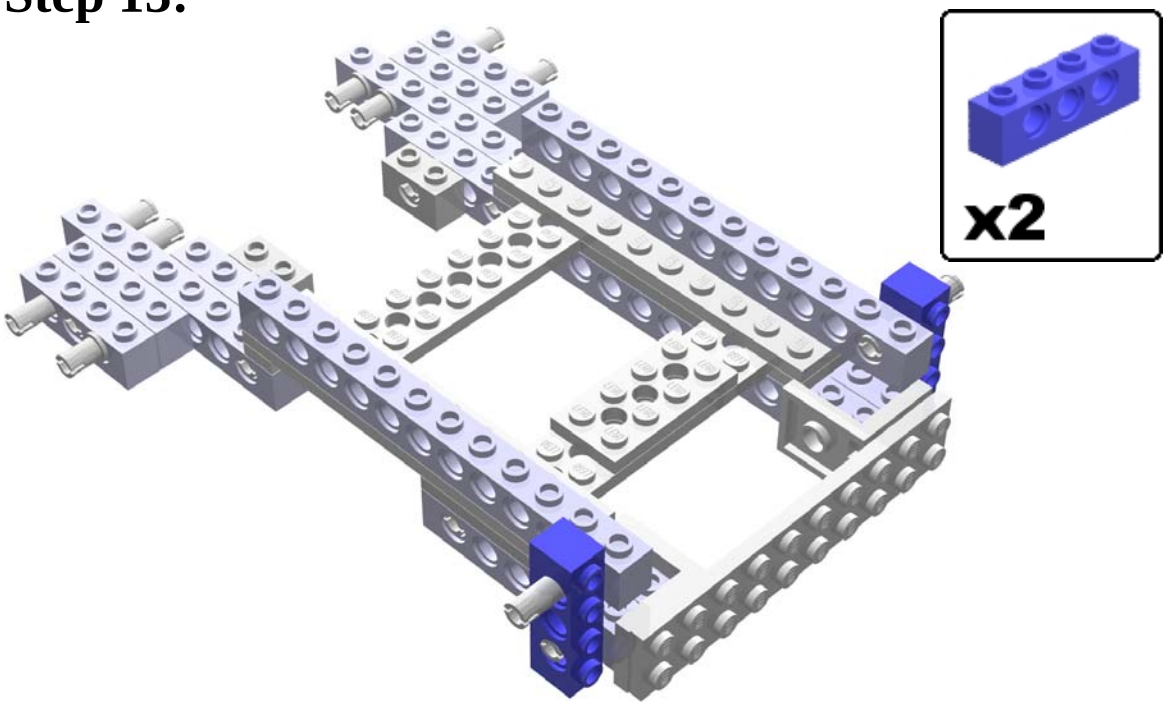
Step 11:



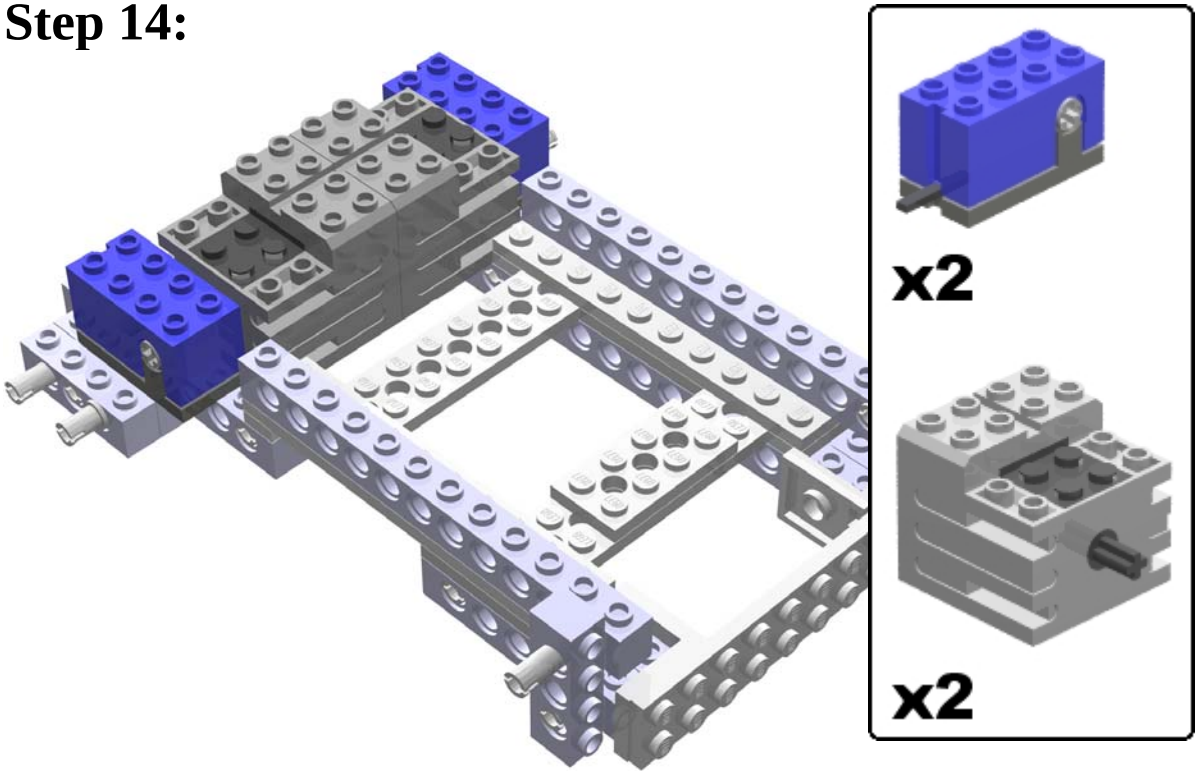
Step 12:



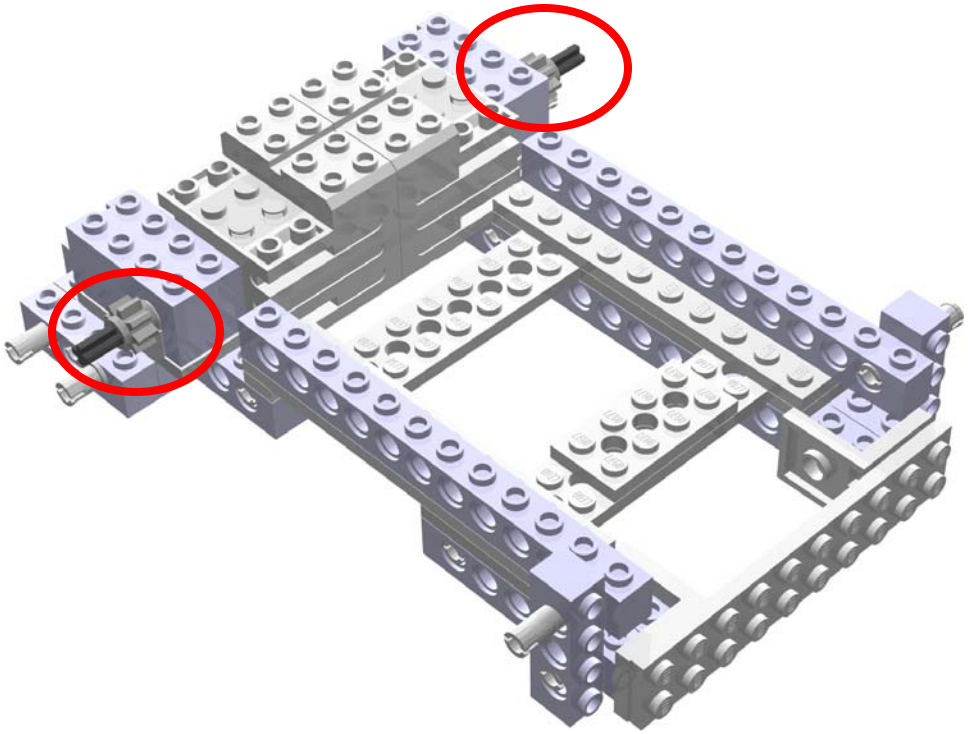
Step 13:

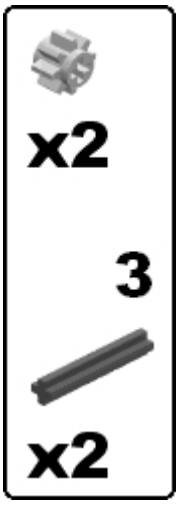


Step 14:

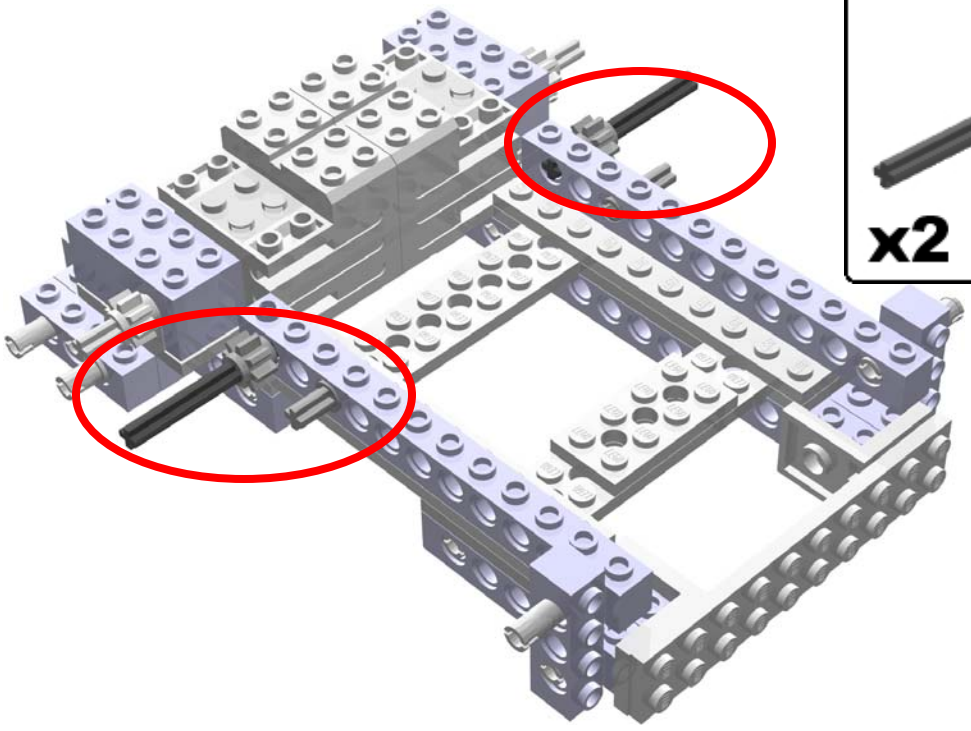


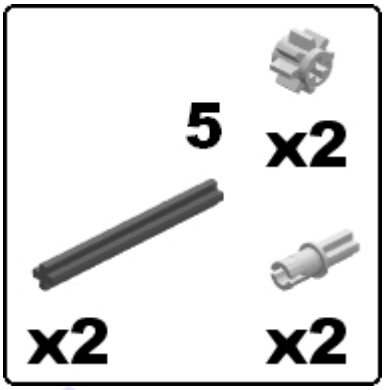
Step 15:



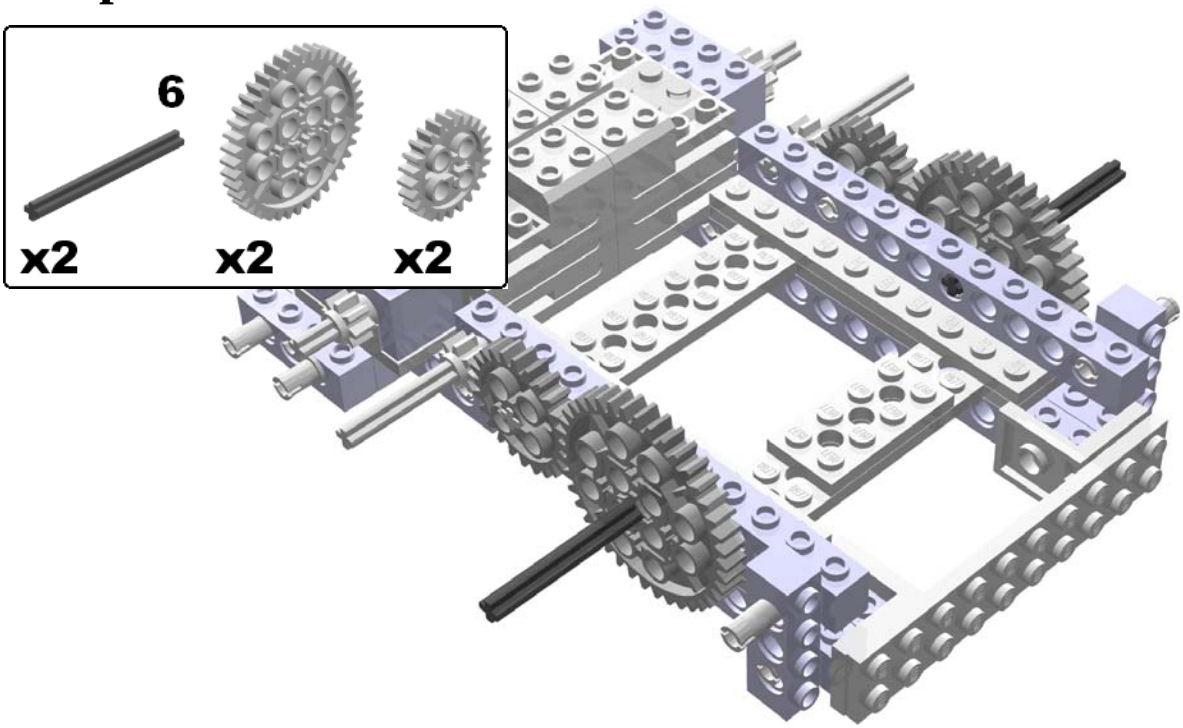


Step 16:

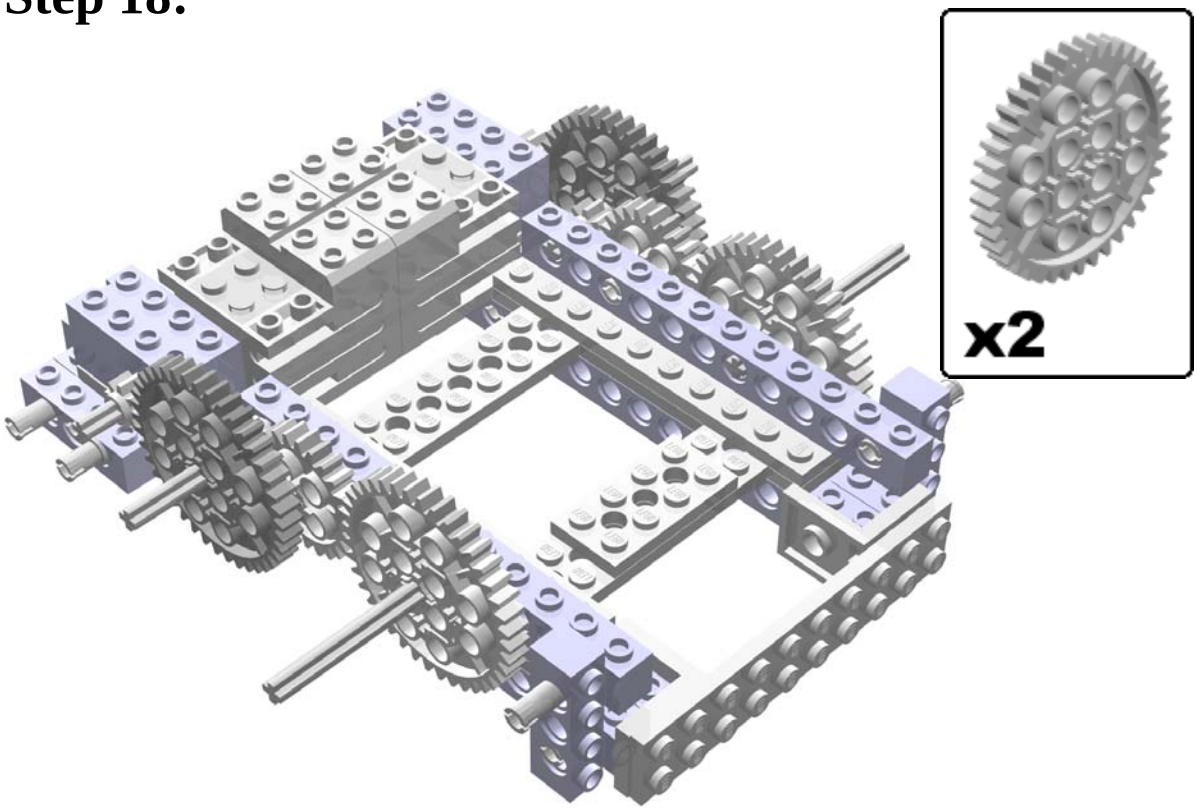




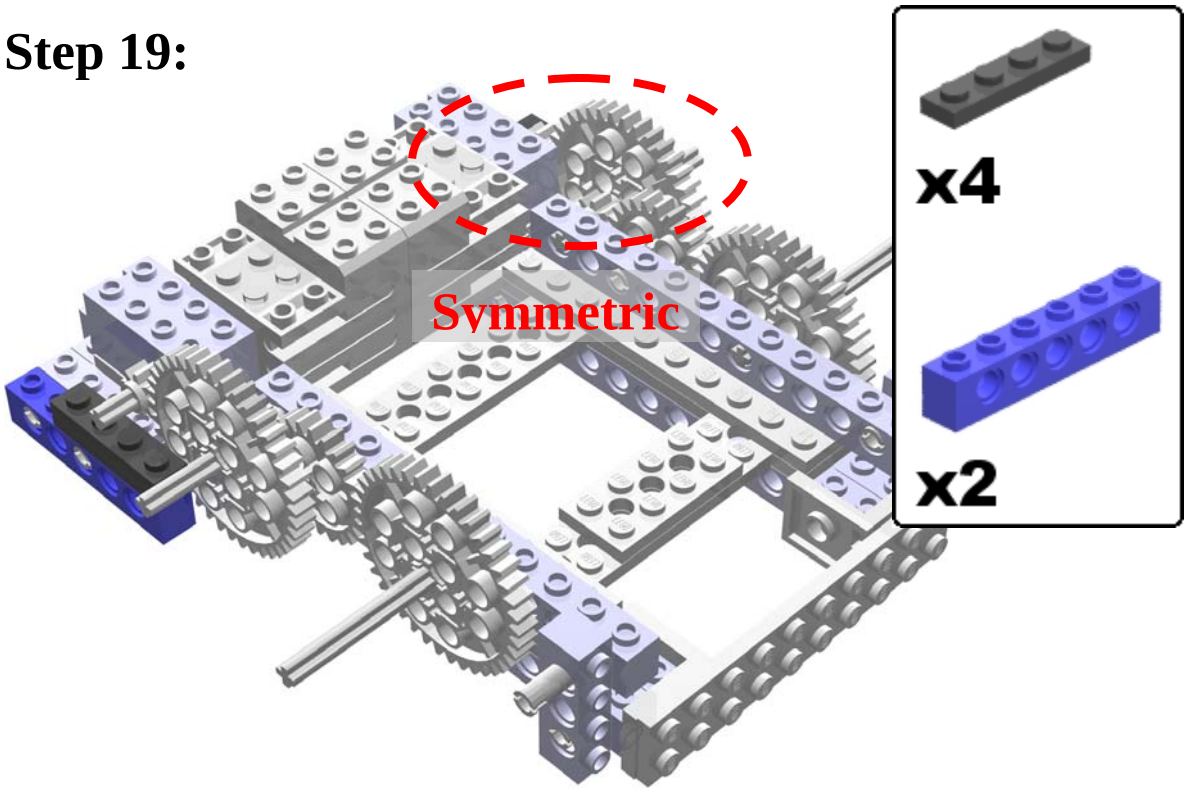
Step 17:



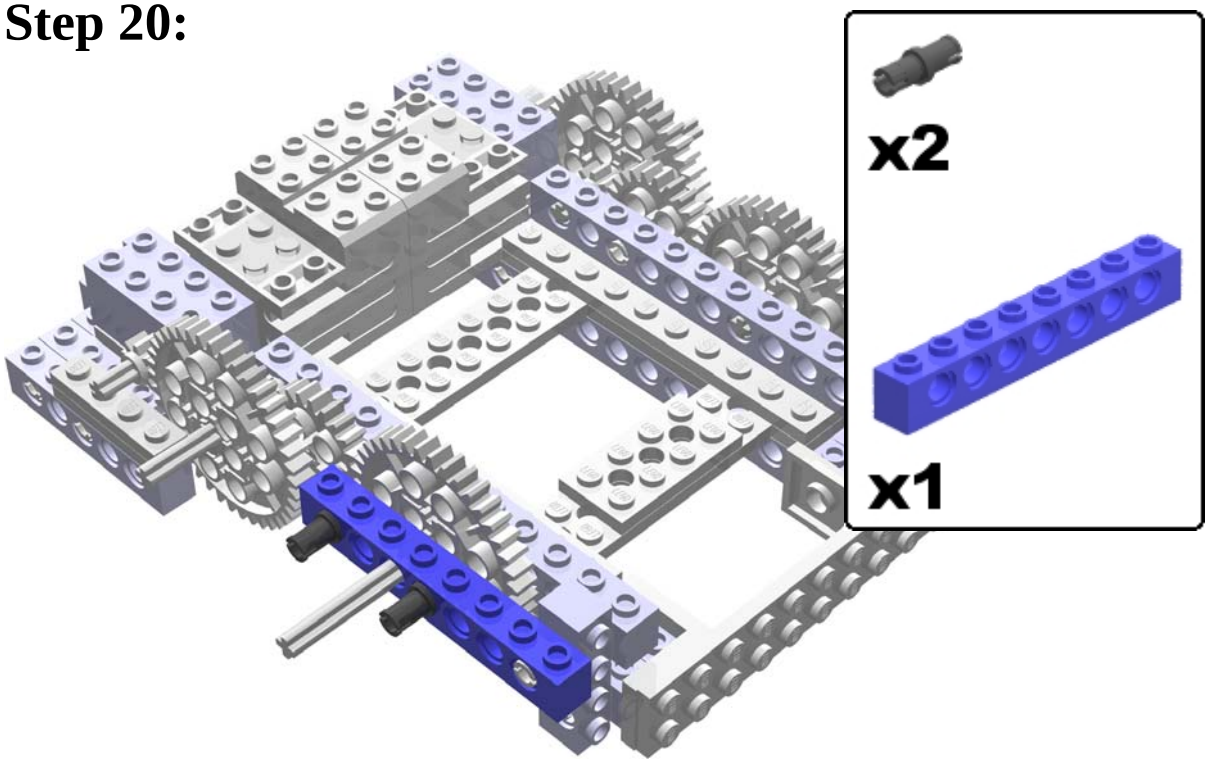
Step 18:



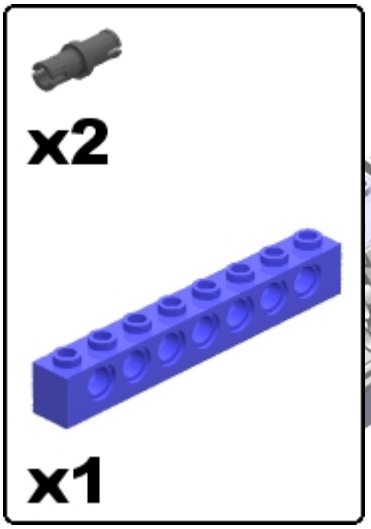
Step 19:

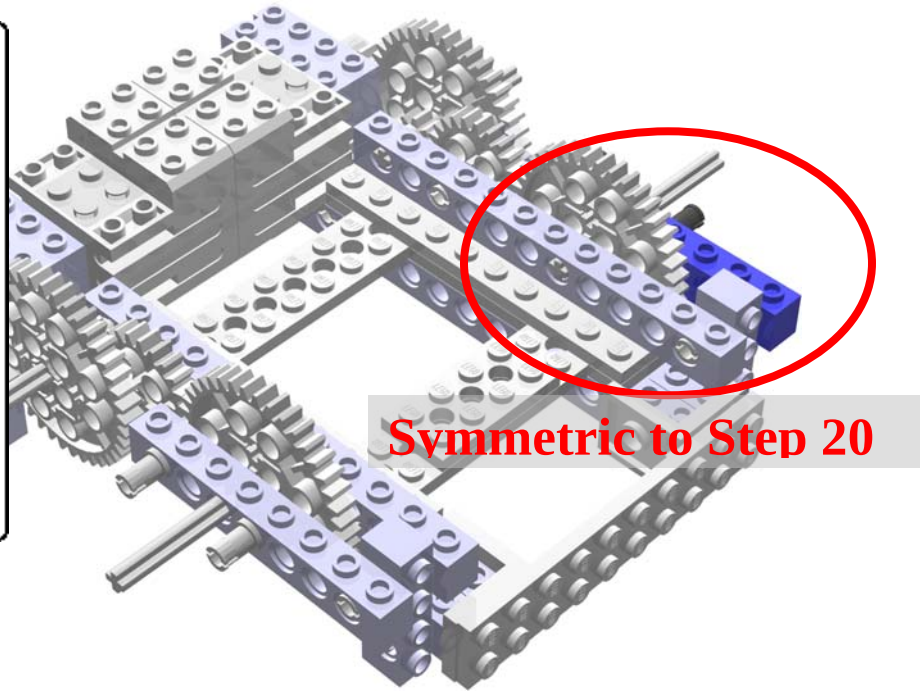


Step 20:

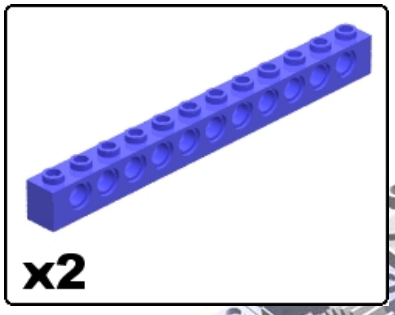


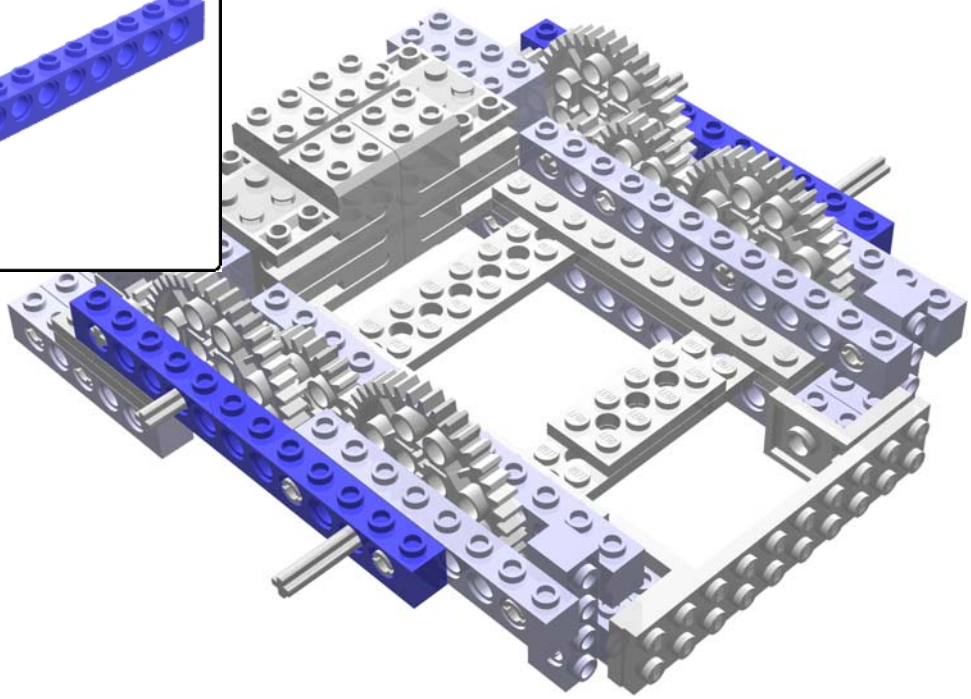
Step 21:



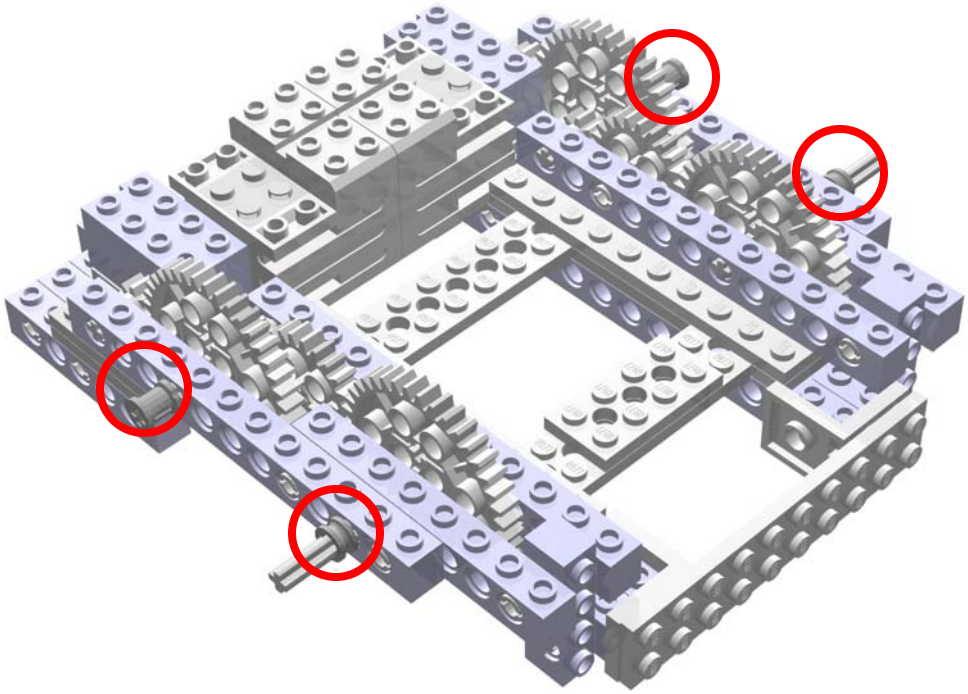


Step 22:

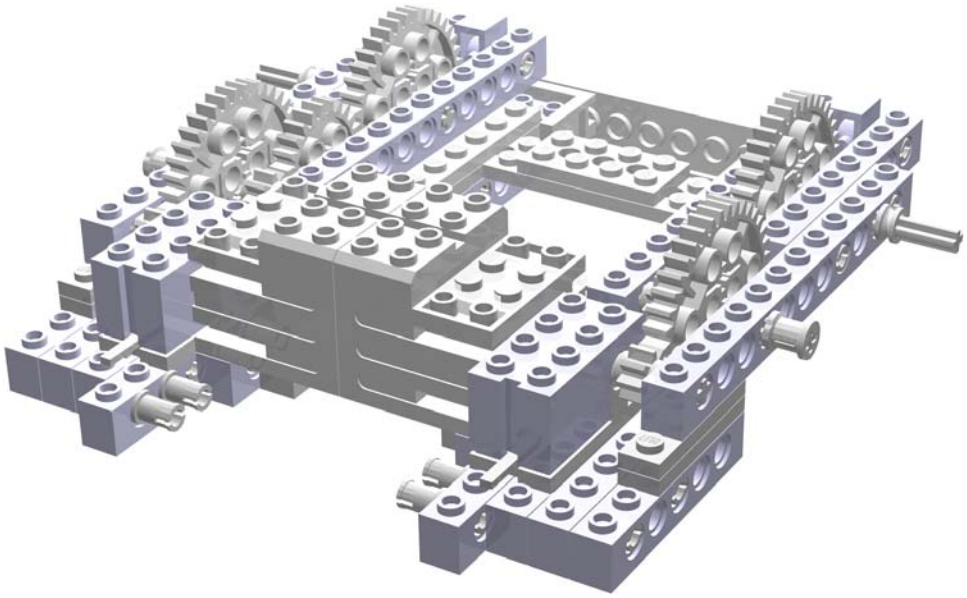




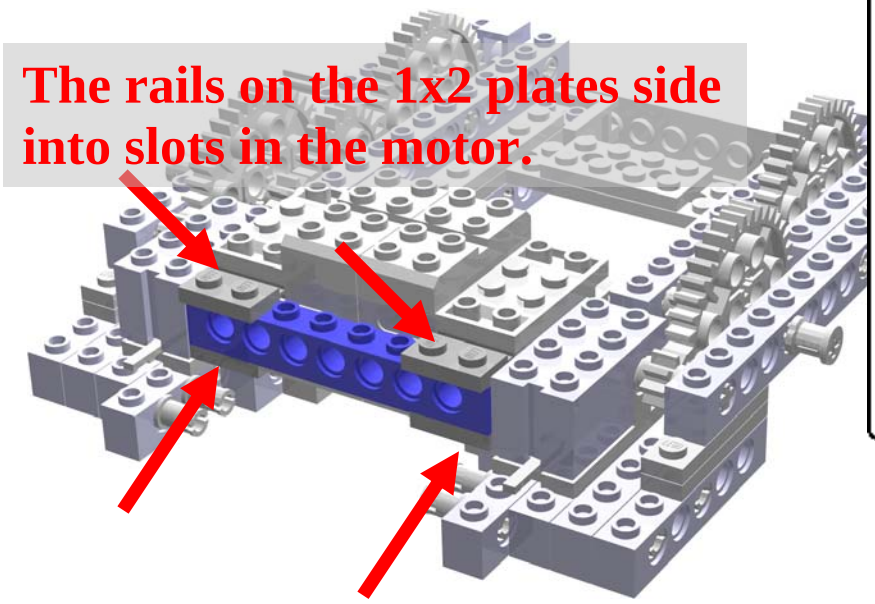
Step 23:

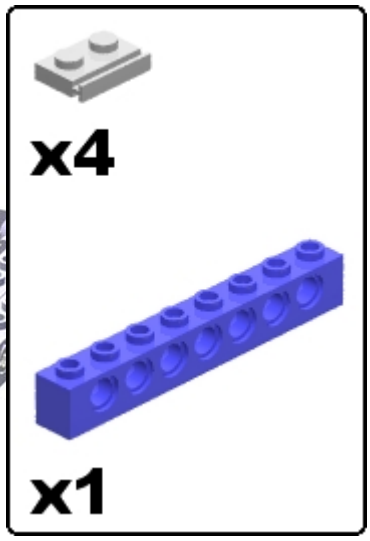


Step 24: Rotate the Assembly

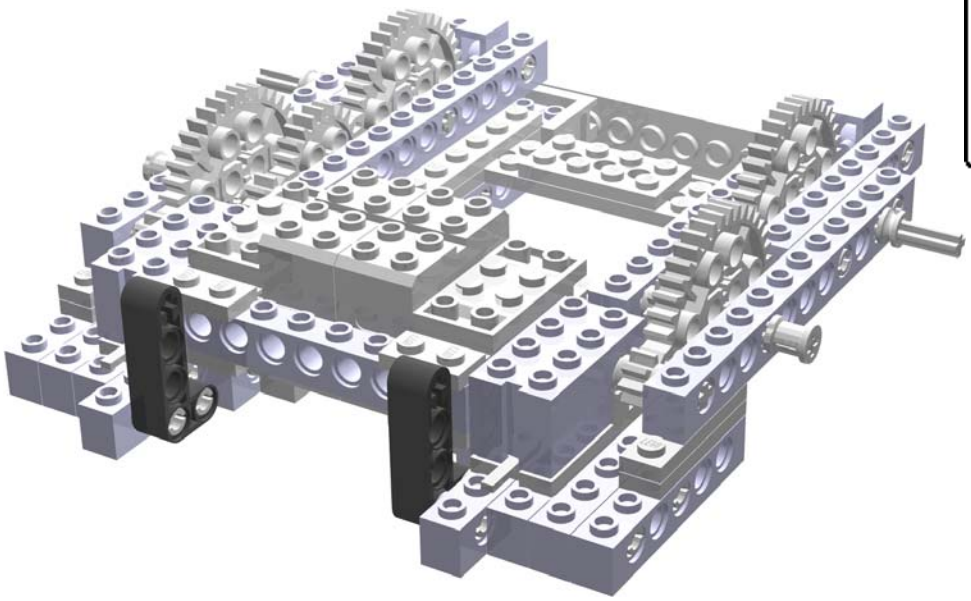


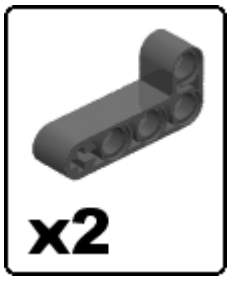
Step 25:



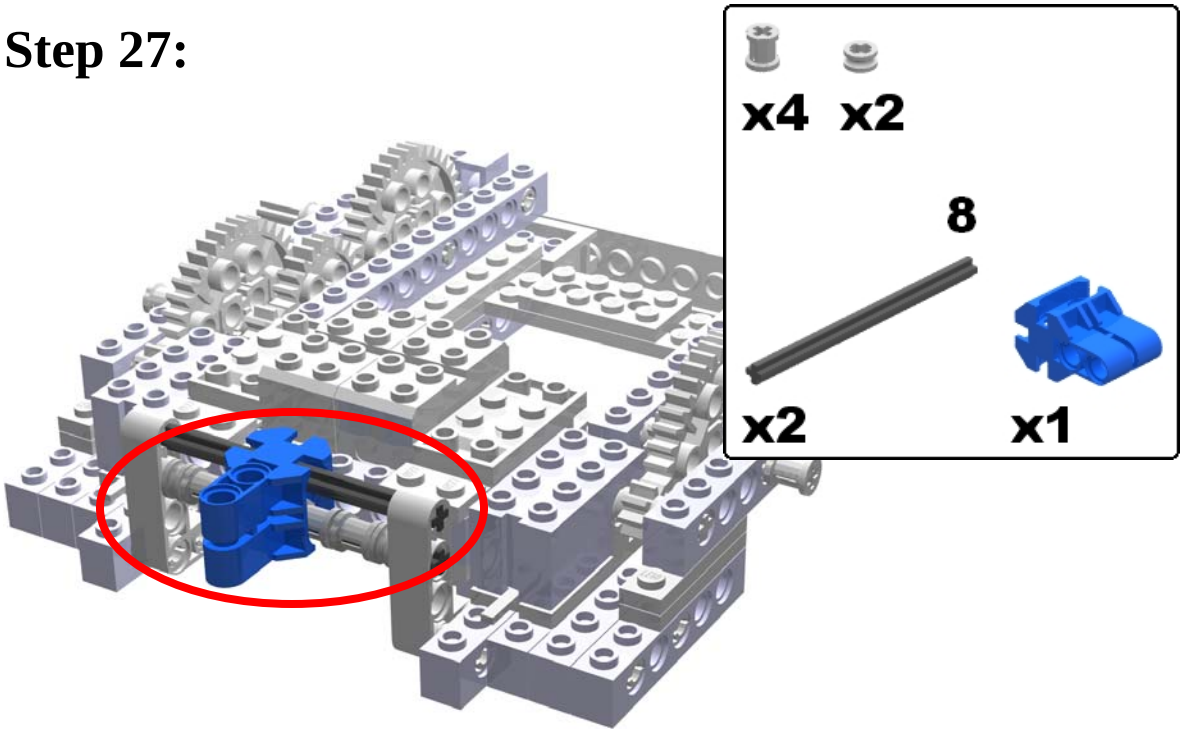


Step 26:

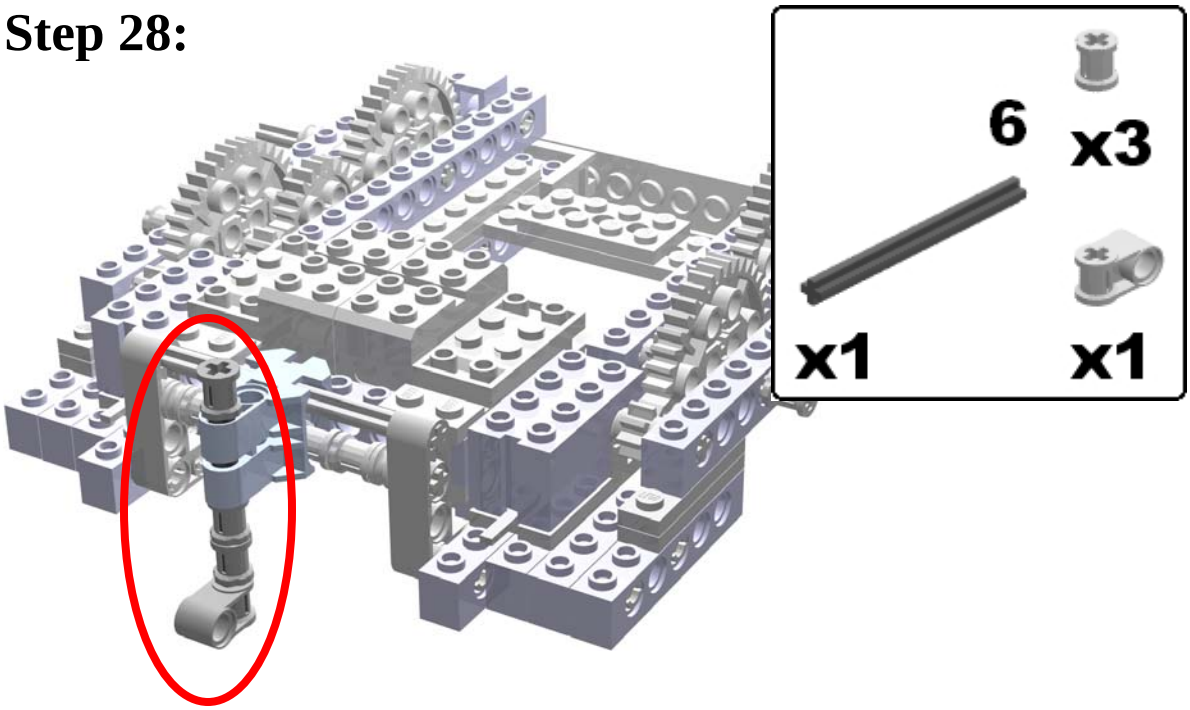




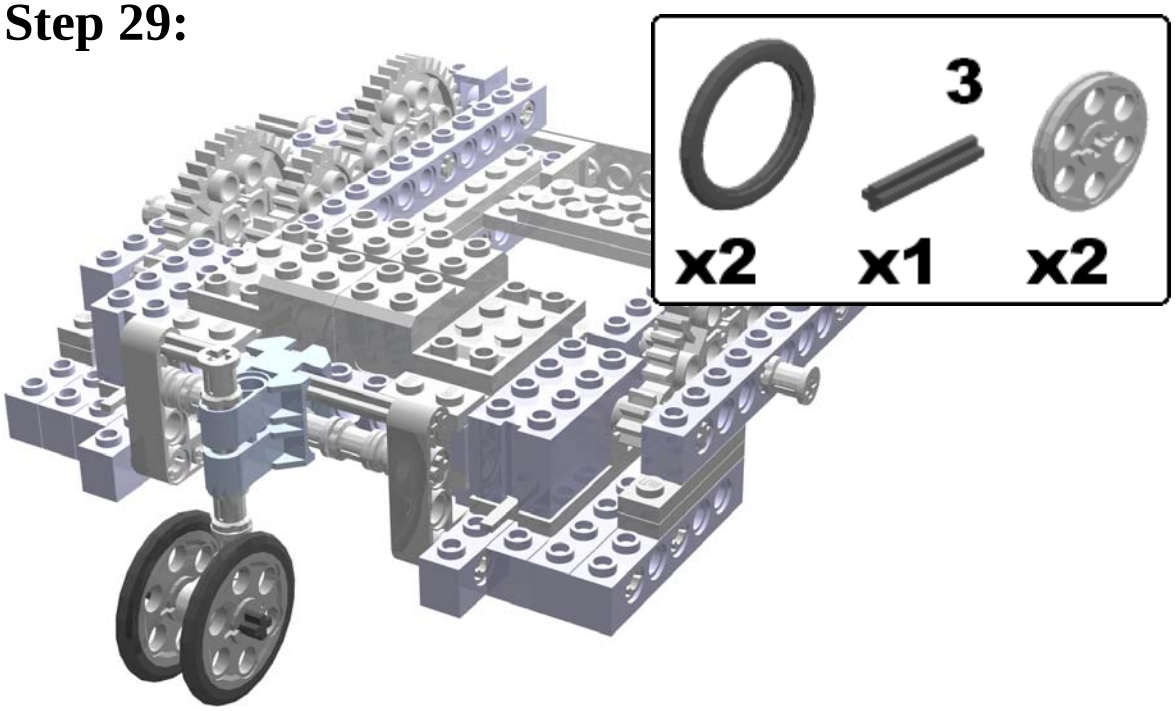
Step 27:



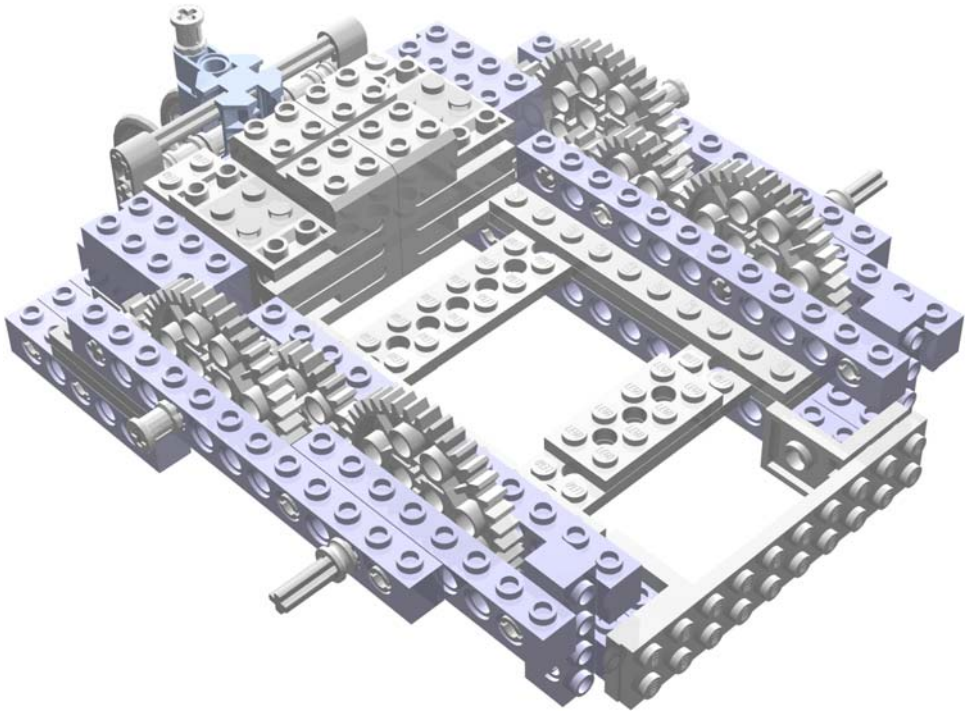
Step 28:



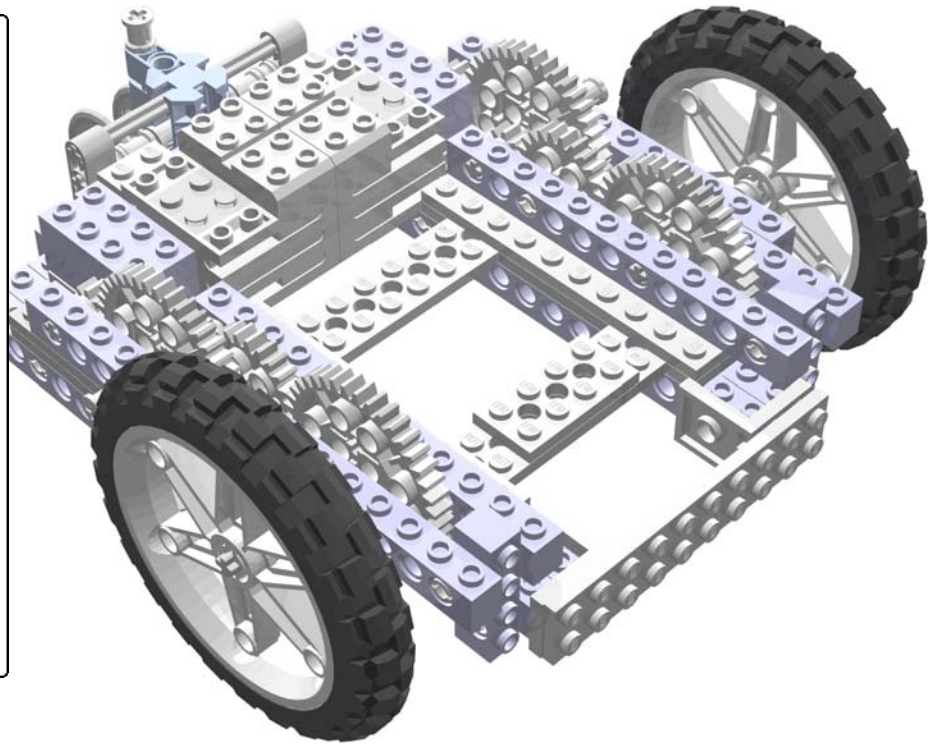
Step 29:



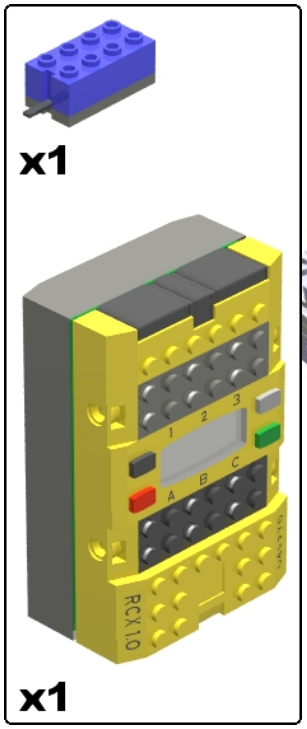
Step 30: Rotate the Assembly

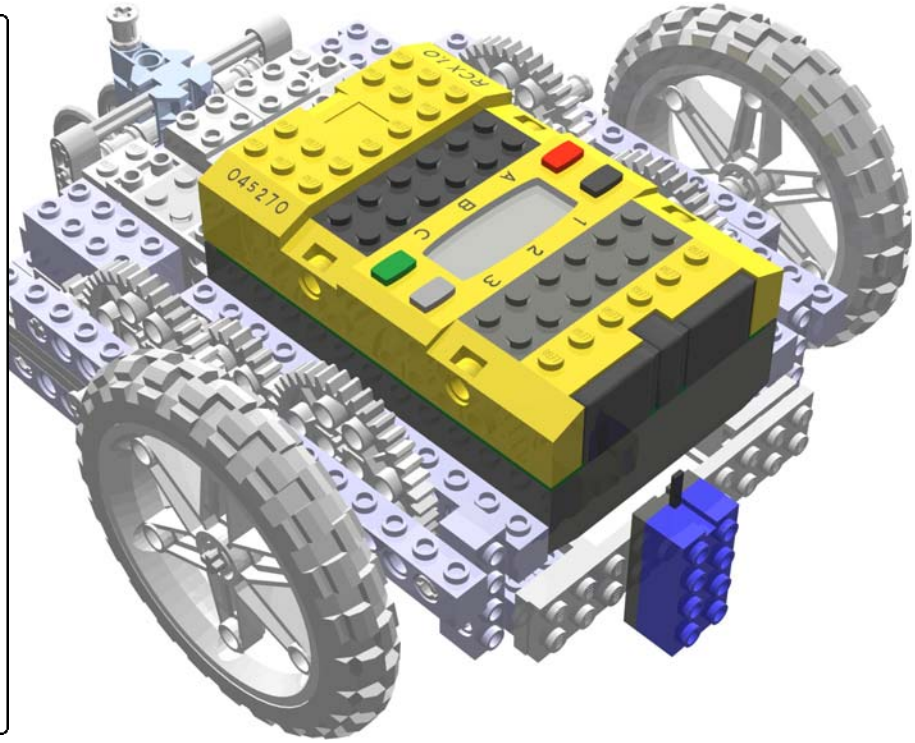


Step 31:



Step 33:





Step 34: Connect the Wiring

Connect A to A, 1 to 1, etc… Make sure the wires are oriented as indicated by the wire stubs in the drawing.